

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Light Cycle Oil

**Other means of identification**

**SDS number** 106-GHS

**Synonyms** Middle Distillate  
See section 16 for complete information.

**Recommended use** Refinery feedstock.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer/Supplier** Valero Marketing & Supply Company and Affiliates  
One Valero Way  
San Antonio, TX 78269-6000

**General Assistance** 210-345-4593

**E-Mail** CorpHSE@valero.com

**Contact Person** Industrial Hygienist

**Emergency Telephone** 24 Hour Emergency 866-565-5220  
1-800-424-9300 (CHEMTREC USA)

## 2. Hazard(s) identification

**Physical hazards** Flammable liquids Category 3

**Health hazards** Acute toxicity, inhalation Category 4  
Skin corrosion/irritation Category 2  
Carcinogenicity Category 1B  
Specific /r345org(Sae toxicityrepe(Cadte)Tj0 -1.01825De2  
posctuo)Tj21 -1.5467 TD(Category 4)Tj-21 0 TD

**Storage**

Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**

None known.

**3. Composition/information on ingredients****Mixtures**

**Fire-fighting  
equipment/instructions**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of



**General hygiene considerations**

Consult supervisor for special handling instructions. Avoid contact with eyes. Avoid contact with skin. Keep away from food and drink. Wash hands before breaks and immediately after handling the product. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

<b>Appearance</b>	Clear, straw liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear/straw.
<b>Odor</b>	Kerosene (strong).
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	300 - 850.08 °F (148.89 - 9f-rasjd)
<b>Flash point</b>	> 100.0 °F (> 37.8sjd) Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	0.4
<b>Flammability limit - upper (%)</b>	8
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	< 0.7 kPa (20jd)
<b>Vapor density</b>	3 - 7
<b>Relative density</b>	0.84 - 0.93 (water=1)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	> 500 °F (> 260 jd)
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.

**10. Stability and reactivity**

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal temperature conditions and recommended use.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Ignition sources. Heat, flames and sparks. Contact with incompatible materials. Do not pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death.
<b>Incompatible materials</b>	Strong oxidizing agents. Acids. Alkalis.
<b>Hazardous decomposition products</b>	No hazardous decomposition products are known.

**11. Toxicological information****Information on likely routes of exposure**

<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	Harmful if inhaled.
<b>Skin contact</b>	Causes skin irritation.

**Eye contact**

May cause eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**

Irritation of nose and throajETQI5rritationose mucous membranes. Skin eye irritation.blue tissu(Eyedirita, nail

12. Ecological info: Ccn. Etoxicity Very toxic to aqursCc life with long lasting effects To Results

Species

**ERG Code**

3L

Read safety instructions, SDS and emergency procedures before handling. **3L**

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**Disclaimer**

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